

Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

Agricultural **L**ibraries **I**nformation **N**otes



National
Agricultural
Library

U.S. Department
of Agriculture
Beltsville, MD
20705

Volume 15
Number 2

February 1989

ISSN: 0095-2699

Youth Development Information Center

by Sandy Facinoli, Coordinator

Introduction

The Extension Service, United States Department of Agriculture, (ES/USDA) and the National Agricultural Library (NAL) created the Youth Development Information Center as a joint project in the summer of 1988. Joining the twelve established information centers of the Library, this new center provides information services to youth development professionals who plan, develop, implement, and evaluate educational programs meeting the changing needs of America's youth. "Target users" for the Center are Cooperative Extension staff, other youth-serving agencies and organizations, and individuals researching youth development.

Consistent with the activities of the other information centers, the Youth Development Information Center staff concentrates its efforts on strengthening the NAL collection, developing information products, coordinating outreach activities, and establishing dissemination networks. Additionally, the staff works with a national committee of youth development professionals to identify, review, and abstract materials as it works on its number one priority: to expand NAL's youth development collection.

Background

The Youth Development Information Center and the youth development collection is an outgrowth of two ES/USDA funded university research projects. Historically, there has been no defined base of knowledge and research for the Extension 4-H youth development professional. This was in sharp contrast to the vast amount of research available through the land-grant university system to support the local work of other Extension professionals. In addition, the Extension Committee on Organization and Policy's (ECOP)



report, *4-H Future Focus: 1986-1996*, states that "identification, specification, and initiation of a research program and knowledge base are imperative to the future of 4-H." As a result, the Ohio State and Mississippi State Universities received funds to conduct research projects to identify the knowledge and research base relating to youth development work.

The Mississippi State University project completed the identification, collection, and annotation of works of research and inquiry related to Extension 4-H Youth Development from the academic, public, and private sectors. The Ohio State University researchers completed the identification and compilation of the knowledge base dimension of the project. **This compilation represents the resources most frequently identified by Extension 4-H Youth Development professionals throughout the country as cornerstones for their educational programs.**

What Materials Make Up the Collection?

Materials identified by Mississippi and Ohio were acquired, abstracted, and sent to NAL to become the basis of the new youth development collection identified as **4hprk** (4-H professional research and knowledge). They consisted of journal articles, books, curricula, dissertations, theses, reports, and other relevant documents. Journals identified by the two universities were acquired by NAL and added to the collection.

The collection continues to grow as materials are identified by the National Association of Extension 4-H Agents (NAE4-HA) and Center staff. Resources supporting the National Extension Initiatives, the youth professionals' work with "youth at risk," and emerging youth issues are also included in the collection. The National Extension Youth Curriculum Development Task Force is working with the Center to identify, acquire, and abstract current program materials important for the collection.

4hprk

As the research projects developed, the acronym **4hprk** was created to describe the multi-phase project. Extension field faculty and project personnel used the expertise of staff development leaders and information from competency studies, job analysis findings, and survey research from State 4-H offices to synthesize five major areas for classifying youth development research and knowledge:

- Communication
- Educational Design
- Youth Development
- Youth Program Management
- Volunteerism

Attention AGRICOLA Searchers: at least one of these five classifications is used with **4hprk** as an identifier in the citation in the AGRICOLA database. That is: 4hprk communication; 4hprk educational design; 4hprk youth development; 4hprk youth program management; or 4hprk volunteerism.

In addition to establishing the basis for the **4hprk** collection at NAL where citations for all items are entered into the AGRICOLA database, the **4hprk** research projects also developed a youth development curriculum, a career development model, a professional assessment package, and a national research agenda. This agenda establishes priorities for research needed to support the youth development profession.

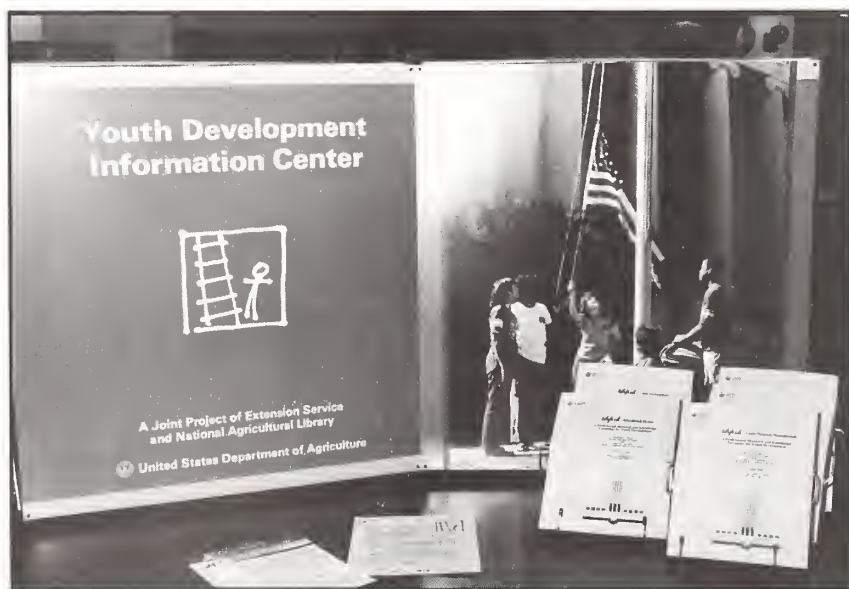


photo: D. Starr

The Youth Development Information Center table top exhibit.

Youth Professionals Review Materials for the Collection

The partnership between NAL and USDA/ES includes a third member. The National Association of Extension 4-H Agents (NAE4-HA) established a **4hprk** task force as part of the Professional Improvement Committee to work with Center staff to identify, review, and write abstracts for materials included in the collection. Chaired by Dr. Roger Rennekamp, a 4-H State Specialist with the University of Kentucky, the task force is composed of representatives from across the country who identify journal articles, monographs, funded studies, and theses/dissertations for the collection.

Youth development materials are selected for the collection using various

avenues in addition to the identification process by NAE4-HA. However, all documents are presently reviewed by a member of NAE4-HA before being added to the database.

Publications

A bibliography comprising the initial phase of the 4hprk collection was produced for each of the five categories in September, 1988. The bibliographies serve as a representative sample of the expanded scope of the AGRICOLA database. They also are educational tools for demonstrating to new users of the database the content of the bibliographic citation which includes an abstract. The use of abstracts with these citations is a special feature since the majority of the bibliographic citations in AGRICOLA do not contain abstracts. Citations for the bibliographies are as follows:

4hprk: Communication. A Professional Research and Knowledge Taxonomy for Youth Development. Prepared by Kathleen C. Hayes and Sandra L. Facinoli. September 1988.

4hprk: Educational Design. A Professional Research and Knowledge Taxonomy for Youth Development. Prepared by Kathleen C. Hayes and Sandra L. Facinoli. September 1988.

4hprk: Volunteerism. A Professional Research and Knowledge Taxonomy for Youth Development. Prepared by Kathleen C. Hayes and Sandra L. Facinoli. September 1988.

4hprk: Youth Development. A Professional Research and Knowledge Taxonomy for Youth Development. Prepared by Kathleen C. Hayes and Sandra L. Facinoli. September 1988.

4hprk: Youth Program Management. A Professional Research and Knowledge Taxonomy for Youth Development. Prepared by Kathleen C. Hayes and Sandra L. Facinoli. September 1988.

A *Youth Development Information Center Fact Sheet* is available to requestors now, and an information center brochure is anticipated soon. Forms for recommending or submitting materials to the collection and guidelines for writing abstracts for the database citations are also available.

NAL Staff Assist Extension, Provide Training in 4hprk

NAL staff worked closely with Extension professionals to establish the new collection and the information center successfully. Robyn Frank, Head, Information Centers Branch, represented NAL on the 4hprk national advisory committee established to provide guidance for the 4hprk research projects. Kate Hayes, coordinator of the Family, Fiber and Textiles Information Centers and the key contact with the water quality and technology transfer initiatives, worked with Dr. Joel Soobitsky, National Program Leader for 4-H, in writing the proposal creating the information center as well as performing a variety of activities for starting the Center. Susan Fugate, Gifts and Exchange Program, NAL, was the contact for receiving materials sent to the library for input onto the database prior to August 1988, when the center coordinator was hired.

Seventy-five Extension 4-H professionals visited NAL on March 23, 1988, as part of a national workshop



photo: D. Starr

Dr. Joel Soobitsky, National Program Leader, Extension 4-H, is the Youth Development Information Center's principal contact for coordinating the work of the two agencies.

devoted to intensive training on the 4hprk project. During the one day visit, NAL staff provided training in AGRICOLA searching, demonstrated new technology, and provided tours of the Library.

Presentations and Exhibits

In addition to the activities involved in starting a new information center, there were opportunities in the fall of 1988 to publicize the youth development information center and the 4hprk collection at professional meetings.



photo courtesy of R. Shirley

Robert Shirley, a 4-H agent with the University of Maryland Cooperative Extension Service in Carroll County, is one of several members of the 4hprk Task Force of the National Association of Extension 4-H Agents who is involved with reviewing and abstracting materials for the 4hprk collection at NAL.

Three concurrent sessions demonstrating how to access the 4hprk collection in AGRICOLA were presented at the NAE4-HA National Leadership and Public Policy Seminar on September 13, 1988 in Washington, DC. State association presidents and representatives received the collection bibliographies "hot off the press."

The Center shared exhibit space with the Family Information Center at the World Food Day ceremony in Washington, DC, on October 10, 1988. Also in October a presentation was given to representatives of the National Collaboration for Youth program support group in Washington, DC.

At the Annual Meeting of the National Association of Extension 4-H Agents in Minneapolis, Minnesota a presentation and exhibit were part of the week's professional activities. Sandy Facinoli and reference librarians from the University of Minnesota, St. Paul Campus Library, and representatives from the ALDE Publishing Company demonstrated database searching of AGRICOLA on CD-ROM. They also distributed educational materials to many of the 1400 participants. In addition, Sandy Facinoli gave a seminar, "Utilizing the 4hprk database," to 50 youth program professionals.

The Youth Development Information Center and a demonstration of the AGRICOLA database are on the agenda for two national workshops sponsored by the Extension Service in North Carolina and Nevada in March, 1989.

The table-top exhibit and accompanying information products are available for use at professional meetings; to borrow them, contact Sandy Facinoli at the address given at the end of this article.

Professionals Use Center

Youth Development professionals from California, Florida, Illinois, Indiana, Iowa, Maryland, Massachusetts,

Missouri, Nebraska, New Hampshire, New Jersey, New York, Utah, Virginia, and Wyoming have requested specific information requiring database searching. Subjects have included competition, volunteerism/career ladders, peer tutoring, member retention in youth clubs, leisure education, camping, volunteerism/history, stages of youth development, learning contacts, audio visuals for programs for the handicapped/disabled, school dropouts, teenage pregnancy, suicide prevention, and water quality educational programs for youth.

Center staff use a variety of databases available on DIALOG and BRS in addition to AGRICOLA to provide thorough database searches. Requests have been primarily from state 4-H specialists although county and community youth development professionals and graduate students have requested searches.

For Additional Information Contact:

*Sandy Facinoli, Coordinator
Youth Development Information Center
National Agricultural Library, Rm. 304
10301 Baltimore Boulevard
Beltsville, Maryland 20705*

The telephone number is (301) 344-3719. The Center has access to FAX number (301) 344-3675. Ms. Facinoli's Dialcom number is AGS3925.

NATIONAL CONSUMERS WEEK

APRIL 23-29th

National Consumers Week is April 23-29th. This is a time when educators, businesses, schools, libraries, associations, government agencies, and others can recognize the important role that consumers play in our nation and bring it to public attention. This year's theme is "Consumers Open Markets." Consumers are powerful advocates in our nation's economy and have the ability to "open markets" from supermarkets to world markets for all types of products and services. During this week, NAL will participate in National Consumers Week with a special exhibit in the NAL Lobby.

For additional information contact:

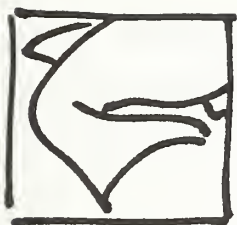
*Louise Reynnells
Rural Information Center
National Agricultural Library
Room 304
10301 Baltimore Boulevard
Beltsville, MD 20705*

Telephone: (301) 344-4372



photo: D. Starr

(L-R) Robyn Frank, Head, Information Centers Branch, NAL, Dr. Joel Soobitsky, National Program Leader, Extension 4-H, Kate Hayes, Coordinator of several NAL information centers including Family, and Sandy Facinoli, Coordinator of the Youth Development Information Center, discuss the national agenda for supporting youth development.



Aquaculture

Aquaculture Information Center Update

International Aquaculture Meeting

The 41st Gulf and Caribbean Fisheries Institute Annual Meeting was held in the U.S. Virgin Islands (November 7-11, 1988). Aquaculture Information Center (AIC) interests were represented at this meeting by Steven Tibbitt, National Environmental Satellite, Data, and Information Service (NESDIS), of the National Oceanic and Atmospheric Administration (NOAA). The title of the supplementary workshop was the "Status and Potential of Aquaculture in the Caribbean," cosponsored by the Caribbean Aquaculture Association and the World Aquaculture Society. Both the Gulf and Caribbean Fisheries Institute Annual Meeting and workshop were well attended with a wide distribution of participants from within and outside the Caribbean region.

Mr. Tibbitt gave a presentation on how international information programs such as ASFIS (Aquatic Sciences and Fisheries Information System) can provide information and technology transfer in support of marine science and aquaculture programs. ASFIS is jointly sponsored and produced by the Food and Agriculture Organization (FAO) of the U.N., the Intergovernmental Oceanographic Commission (IOC) at UNESCO, the United Nations Office of Ocean Affairs and Law of the Sea, and the United Nations Environment Programme.

As U.S. national network members of this international system, both NAL and NOAA actively provide for NAL's aquaculture documents to be indexed and abstracted for inclusion in the international database called ASFA (Aquatic Sciences and Fisheries Abstracts), a bibliographic database of ASFIS.

Caribbean Aquaculture Bibliography

A publication entitled "Aquaculture in the Caribbean Basin: A Bibliography" supported this meeting. It was published in the USDA series, *Bibliographies and Literature of Agriculture, Number 71 (BLA-71)*. The publication was funded by NOAA and prepared cooperatively by the Aquaculture Information Center, NESDIS/NOAA, and the University of Puerto Rico Sea Grant Program. This publication received high visibility at the meeting in the Virgin Islands and was regarded as an excellent source for aquaculture in the Caribbean Basin.

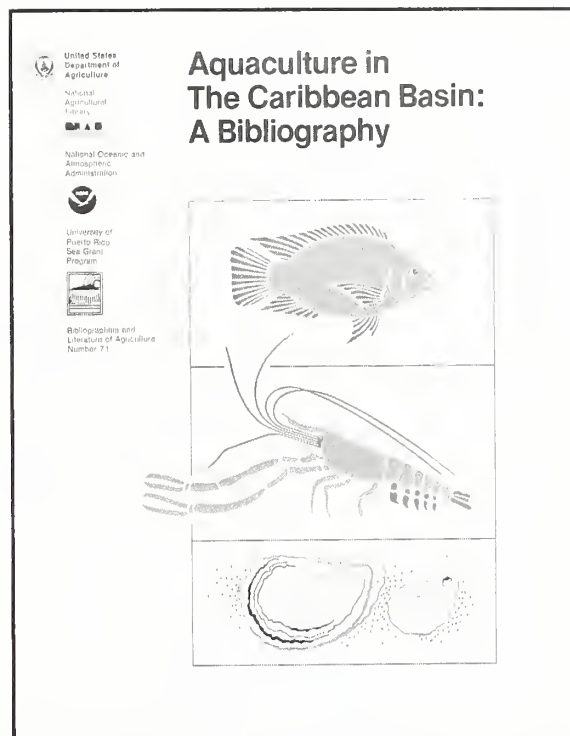
The bibliography is attractive in both presentation and format and contains selected citations from the literature on Caribbean aquaculture. Three online databases were ac-

cessed (AGRICOLA; ASFA; and AQUACULTURE) for its compilation. Abstracts are included for some of the entries and NAL Call Numbers are included for literature available at NAL. The publication is 71 pages long, and it includes an index.

Free copies may be obtained by sending a request with a self-addressed mailing label to:

Aquaculture Information Center
National Agricultural Library
Room 304; ATTN: Carib.
10301 Baltimore Boulevard
Beltsville, MD 20705

--Steven Tibbitt and Deborah Hanfman



Cover of the new bibliography on Caribbean aquaculture.

Practical Aquaculture Bibliography

A revision of the popular 1985 publication entitled *Practical Aquaculture Literature* is being compiled by staff of the Aquaculture Information Center in conjunction with the Joint Subcommittee on Aquaculture. The revision is a nationwide effort to provide users with an *annotated* listing of practical literature on aquaculture.

Staff of the Center would like to thank aquaculture specialists of the Extension Service, their affiliated publication offices, land-grant and sea-grant libraries, and the Southern Regional Aquaculture Center, for cooperating in this effort and for their donation of selected publications to the library. Readers may mail final submissions of publications for this revision to:

National Agricultural Library
Aquaculture Information Center
Attn: Mona Smith, Rm. 304
10301 Baltimore Boulevard
Beltsville, MD 20705

Expert System on African Aquaculture

Debbie Hanfman, Coordinator of the Aquaculture Information Center, is managing a project that will develop an *expert system on African aquaculture*. This project is a cooperative effort between the Food and Agriculture Organization (FAO, Rome) and NAL. It is being directed through Mr. Robert Freeman, Chief, Fishery Information, Data and Statistics Service, FAO, Rome, and funded by the "Aquaculture Development and Coordination Program (ADCP)" and two units of the FAO Regular Programme, "Fishery Information, Data and Statistics Service" and the "Inland Waters and Aquaculture Service." AI Resources, Baltimore, MD, has a contract with NAL to design the system based on the data and specifications provided by NAL and FAO. The prototype system is expected to be completed by the end of March, 1989.

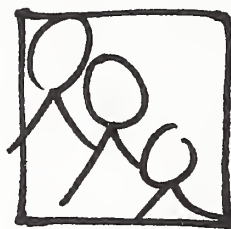
The expert system will be developed on floppy disks and run on IBM or compatible microcomputers with a hard disk drive. It will provide an overview of aquaculture in the Africa region and is based on a *Regional Sector Survey Report for the Africa Region*, compiled by the Aquaculture Development and Coordination Programme.

The development software by Knowledge Gardens, Inc., is called KnowledgePro. The objective is to provide an on-line version of a printed document, incorporating "hyper-text," map and graphical access, and expert system capabilities. External document linkages will also be explored. The resulting disks will be distributed from the Aquaculture Information Center to requestors in the United

States and from FAO, Rome, Italy, to requestors outside the United States.

For additional information on any of these subjects related to aquaculture, call (301) 344-3418.

--Deborah Hanfman



Family

Substance Abuse "Just Say No!"

Over 23 million Americans used illegal drugs last year at a staggering cost to our nation's well-being. In his televised address to the nation on February 9, President Bush said, "Let this be recorded as the time when America rose up and said 'No' to drugs." He proposed an increase of almost a billion dollars in budget outlays to escalate the war on drugs and outlined such specifics as the appointment of William Bennett as drug czar, expansion of treatment services, protection of U.S. borders, increased funding to educate the young about the dangers of drugs, and the promotion of greater involvement of parents, teachers, and the community.

President Bush seems to be building on an anti-substance abuse crusade that was begun by the White House in 1983, and by 1985 became known as the "Just Say No" campaign. Spearheaded by former First Lady Nancy Reagan, the White House tapped each agency within the U.S. Department of Agriculture to join the "Just Say No" cause collectively.

A thousand dollars was initially allocated by NAL to purchase substance abuse prevention materials that range from the role of the United States in international drug control to the role of the family in prevention, prevention strategies, treatment services, and therapy for users and families.

Special Reference Brief (88-09), "Substance Abuse: 'Just Say No,'" prepared by Kathleen C. Hayes, Family Information Center, June 1988, indicates the types of prevention materials collected by NAL. In addition, *Prevention Plus--Involving Schools, Parents, and the Community in Alcohol and Drug Education*; *Discovering the Meaning of Prevention: A Practical Approach to Positive Change*; *Family Life Skills Training for Drug Abuse Prevention*; *Marijuana Alert*; and *Parents, Peers and Pot II: Parents in Action* represent a few titles that are of interest to librarians, educators, parents, and community and youth group leaders.

NAL's collection of substance abuse prevention materials is dynamic. Readers interested in the initial "Just Say No" collection may request the free *Special Reference Brief, 88-09*. Items added since June 1988 are accessible through the AGRICOLA database. Please send a self-addressed label with your request to:



photo: J. Swab

Steven Tibbitt and Deborah Hanfman at the Aquaculture Information Center in NAL.

American Indians and Alaska Natives

THE WHITE HOUSE
August 25, 1988

Dear Friends:

I am delighted to extend my deep appreciation to the United States Department of Agriculture for their outstanding contributions to the battle against drug abuse.

Substance abuse, especially among our young people, is one of the most terrifying problems facing our world today. This epidemic is destroying lives and tearing families apart. It must be stopped.

There is great hope in ending this tragedy, however, because of your efforts. Your activities are sending a strong message to young people everywhere: drugs are unacceptable, and there are healthy alternatives to drug use.

You have my sincere thanks for your strong commitment to a drug-free world. With your continued involvement, our young people will have a bright and drug-free future.

Sincerely,

Nancy Reagan

United States Department of Agriculture

The Department of Health and Human Services' Indian Health Service (IHS), and the Department of Agriculture's Food and Nutrition Service (FNS) and National Agricultural Library collaborated to produce two pathfinders about native Americans.

At the request of the other agencies, NAL staff conducted several thorough literature searches. IHS and FNS professionals then reviewed the publications for content accuracy, readability and availability. The selections were annotated and subsequently published as two *Pathfinders*: "Understanding American Indian and Alaska Native Culture" and "Health Update on American Indians and Alaska Natives." Areas covered include: family and children, cross-cultural medicine, heritage, religions, diseases, substance abuse, health services, and diabetes.

Both IHS and FNS have staff who work with native Americans. The agencies use the pathfinders as introductory guides to sources of information to provide an orientation for professionals and paraprofessionals. Understanding current and future health concerns as well as unique customs and practices specific to American Indians and Alaska Natives enhances delivery services provided by both agencies.

Staff from NAL's Food and Nutrition Information Center and the Family Information Center contributed to these publications, which are available upon request; please send a self-addressed label to:

Information Centers Branch, Room 304
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, MD 20705.

--Kathleen C. Hayes

Family Information Center
Room 304
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, Maryland 20705

--Kathleen C. Hayes

Nancy Reagan's acknowledgement of NAL's contribution to the "Just Say No" campaign.

Audrey Iversen Volunteers in Indexing



photo: J. Swab

Audrey Iversen

When the National Agricultural Library announced its volunteer program in the Spring of 1988, one of the first persons to participate in the program was Audrey Iversen. From May 1988 through January 1989, Ms. Iversen contributed more than 400 hours of volunteer work to the Indexing Branch of NAL. Shirley Edwards, Head of the Indexing Branch, spoke highly of Ms. Iversen, saying "Audrey was very valuable and very helpful to the Indexing Branch.

She completed several pressing projects; she was an excellent worker, industrious and dependable."

Among the projects were the searching of articles by Agricultural Research Service authors in AGRICOLA on CD-ROM to verify that the articles had indeed been indexed. Those that were not previously indexed were obtained and sent to indexers to be added to the database.

Another project completed by Ms. Iversen was the identification of publishers' addresses and phone numbers for articles being indexed for the 4hprk project of the Youth Development Information Center so that permission could be obtained to use the author abstracts in AGRICOLA. Ms. Iversen helped with a similar project to include abstracts with citations for materials related to the Food and Nutrition Information Center.

In another project Ms. Iversen worked with Martha Hood of the Indexing Branch to identify in the new edition of the *CAB Thesaurus* which of NAL's proposed terms had been included. Ms. Hood said that Ms. Iversen "was very reliable and very helpful; it was a very positive experience having her to assist with the project."

Ms. Iversen herself characterized the volunteer experience as "very valuable," and attributes her present employment partly to the work she did in Indexing Branch and the related recommendations from NAL managers. She said, "If you don't have a job, volunteering is nice because it gives some structure to your life."

Ms. Iversen is still employed in the NAL building, having taken a temporary position with Manpower, a firm working under contract with FSINFO, the U. S. Forest Service group cataloging and indexing forestry materials and inputting the data into the FSINFO database. Ms. Iversen does both indexing of journal articles and inputting of data.

Among her previous positions, Ms. Iversen, indicated that she had been Geology Librarian at the University of Illinois at Urbana for 5 years. She set up the new Geology Library, which split from the Natural History Library in the middle of her tenure there. In addition she was Classical Languages Librarian at the University of Illinois for 2 years. Ms. Iversen also worked for several years in the Bio-Med Library at the University of Minnesota after earning her M.A. in Library Science there. She also holds an M.A. in Classical Languages from the University of Illinois and studied Classical Philology at the University of Virginia.

Ms. Iversen translated from Latin and co-authored and edited with Albert V. Carozzi the scientific commentary on the geological work, *Specimen historiae naturalis globi terraquei....* or *An introduction to the natural history of the terrestrial sphere, principally concerning new islands born from the sea, and Hooke's hypothesis of the earth, on the origin of mountains and petrified bodies....* by Rudolf Erich Raspe. The work, published in 1970 by the Hafner Publishing Company in New York, included a facsimile of the 1763 edition.

Ms. Iversen shares her interests in the classics with her husband Iver Iversen, who has taught classical languages at the college and university level. The Iversens enjoy traveling and visiting classical sites and museums in such places as Italy, Greece, the Middle East, and Berlin.



**Staff
Update**

Sandy Facinoli

Heading NAL's newest information center is Sandy Facinoli, who joined the NAL staff on August 15, 1988. She is the Coordinator of the Youth Development Information Center, which was begun during Fiscal Year 1988 as a cooperative effort by NAL and the Extension Service. Ms. Facinoli assumes the role of Coordinator from Kate Hayes, who has initiated several of NAL's information centers.



photo: J. Swab

Sandy Facinoli

Ms. Facinoli came to NAL with 9 years of experience in the State of Maryland's cooperative extension programs. She served as an Extension Home Economist in Carroll County, and as Country Director of Extension in Worcester County. In both of these counties she handled USDA extension programs. Prior to her Extension service, she taught home economics in public schools in Carroll County. She has also worked with the National Headquarters of the American Home Economics Association. Ms. Facinoli earned her B.S. in Home Economics at Shepherd College, Shepherdstown, West Virginia, and her M.S. in Nutrition Education at Hood College, Frederick, Maryland.

A native Marylander, Ms. Facinoli takes advantage of the *land-of-pleasant-living's* favorable climate for gardening to grow flowers and vegetables, and she also enjoys refinishing furniture. As for NAL, she says, "It's an amazing place! I had no idea NAL had the amount of information it has. I'm pleased to have the opportunity to learn the information technology....and I'm excited about working with youth professionals throughout the States."

Wayne Olson



photo: J. Swab

Wayne Olson

In July 1987 Wayne Olson joined the order unit of the Acquisitions and Serials Branch as a library technician while waiting for the federal governments' register for librarians to open. He joined the Reference Branch as a reference librarian on August 15, 1988. While in Acquisitions he worked in the area of ordering publications, inputting temporary entries, and searching records to prevent duplication, and at the same time was improving his skills in searching, an

important part of the reference services he now provides. At the same time, his Acquisitions experience has been of benefit to the Reference Branch in his added roles of processing and tracking requests for materials to be acquired for the Reference collection and managing NAL's New Book Shelf. Mr. Olson has as a current project in Reference the preparation of a *Special Reference Brief* on the Russian Wheat Aphid.

Prior to coming to NAL, Mr. Olson served for six years as a pharmacy technician in the U.S. Air Force, a little more than half of it at RAF Greenham Common, England, and the remainder in Biloxi, Mississippi. Earlier in his career, he had also been a pharmacy technician in the U.S. Army for 2 years, most of it in southern Germany. In between he had earned

his M.A. in Library Science at the University of Iowa, and had served as Director of a small public library in Algona, Iowa, from 1978 to 1980. It was in the latter position, where he did at one time or another everything that the library needed done, that Mr. Olson discovered that he enjoyed the public services--particularly reference--part of his work best, and has come back to that at NAL. "I really like the daily contact with people," he said. Mr. Olson also holds the M.S. in International Relations from Troy State University in Alabama, which he earned at the campus in Greenham Common, England, and the B.A. in History from St. Olaf College in Northfield, Minnesota.

Mr. Olson met his wife, Kathleen, when she was an environmental health specialist with the U.S. Air Force in England. Mrs. Olson is presently studying for the M.S. in Contract Management at the Alexandria, Virginia, campus of Florida Institute of Technology. The Olsons enjoy traveling, staying at youth hostels in Europe and the United States. Mr. Olson also likes bicycling, and bikes to work from Seabrook when weather permits.

Celine Gilheany



photo: J. Swab

Celine Gilheany

On December 1, 1988, Celine Gilheany joined the NAL staff as Budget Analyst in the Library's administrative office. In this position she is responsible for financial management of NAL accounts, setting up and managing reimbursable agreements from NAL to other agencies and vice versa, maintaining and tracking regular appropriations, helping with the planning of salaries and operating expenses, etc. Prior to joining the NAL staff, Ms. Gilheany performed

similar duties as a budget analyst in administrative management of the Agricultural Research Service (ARS). She has a total of nearly 13 years in USDA, working her way from clerk typist to secretary, to budget technician and budget analyst with ARS and the Human Nutrition Service, and about 12 years in the private sector in a variety of positions.

Ms. Gilheany is married to John Gilheany, Professor and Assistant Dean of Engineering at Catholic University. Together the Gilheany's have nine children from two marriages, with one son still at home. They have four grandchildren. When asked about special interests, she responded enthusiastically, "taking care of my grandchildren." Then she added that she likes cooking, sports as a spectator, boating and fishing, sunning, and reading.

NAL's EEO Program



photo: J. Swab

Janet Wright

by Janet Wright
Federal Women's
Program Manager,
NAL
Reference Librarian
D.C. Reference
Center

"It is the policy of the National Agricultural Library to provide equal employment opportunity for all employees and applicants for employment, regardless of their race, religion, color, sex, national origin, age or handicap."

--EEO Policy Statement
of the National Agricultural Library

The Director of NAL, Joseph H. Howard, is responsible for all equal employment opportunity programs within the library, including compliance with the above statement. Many of the attendant duties and responsibilities are delegated to the Executive Officer of

NAL, Thomas Neis, who is also the acting Equal Employment Opportunity Officer. But it is indicative of the importance of the EEO Program within USDA that the ultimate responsibility for EEO rests with the Director himself.

As the acting EEO Officer, Neis prepares NAL's Affirmative Employment Plan each year. The plan analyzes the workforce, identifies current or potential problems, and maps out a plan for change.



photo: J. Swab

Thomas Neis

The 1988 plan shows that out of a total staff of 190 people, 32 are black--about 17%. "The total number of black employees has not changed substantially in recent years, but the total number is not the problem. The problem is where they are concentrated," Neis says. "Most are in the lower grades. There is a shortage of black professionals at NAL and that is what management is committed to changing. Minority candidates have the highest priority in our hiring plans. We would love to receive more applications from minorities."

One of the difficulties in locating qualified minority candidates is the federal system itself. Applicants must register on the Librarians' Register administered by the Office of Personnel Management. The names of eligible people are then forwarded to NAL from OPM when a personnel vacancy occurs. "By that time many of the best people have already been snapped up by other employers. Private industry is paying so much more than the federal government," explains Neis.

"It's been difficult with the library register system as it is and a shortage of black librarians. We've tried recruiting from 1890 universities and other traditionally black schools. We've brought some temporary employees here for training, but because of their experience here, they were quickly hired by someone else."

But, in spite of the obstacles, there *has* been progress. In 1988, one minority person was added to the staff at the professional level. Another is coming aboard in February 1989. A number of recruiting visits were made to predominantly black universities and contacts were established to facilitate recruiting in the future. Two temporary minority professionals were hired as a result of vigorous recruitment efforts conducted at the annual meeting of the American Library Association. A "practicum" program was developed with the 1890 universities by which NAL provided them free services, materials and equipment.

And progress continues. Arrangements are now being made to hire student-trainees from Howard University. Mr. Howard personally assists the 1890 universities in planning and conducting more efficient library programs in the agricultural area. "And," Neis says, referring to current NAL employees, "we're looking for ways to overcome the barriers that hold back many of our own technicians."

Neis hopes that the activities of the Special Emphasis Program for black employees will make a contribution to all employees. "Black History Month for NAL should mean an opportunity for all employees to learn about the culture and heritage of an important segment of the United States' population, and to share in recognizing their contributions to this great country. It's equally important for all people to participate, not just one group."

Black History Month

The following article is composed of excerpts from interviews with some of NAL's black employees. They spoke candidly of their feelings about the EEO program, Black History Month, and of their own heritage and experiences. The first two interviews are with the previous and new Special Emphasis Program Managers, Don Yeldell (outgoing) and Tanya Tanner (incoming).

Don Yeldell

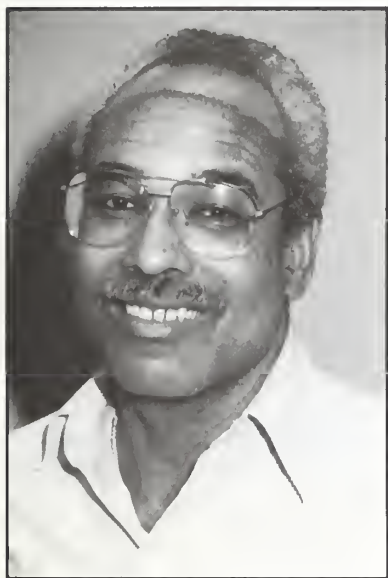


photo: J. Swab

Don Yeldell

Don Yeldell got started in library work when he was in the Air Force stationed in Fairbanks, Alaska. In the base library he did a little of everything, from reference to cataloging. For twenty-one years now Yeldell has worked in a variety of positions at NAL; he is currently a Serials Technician. Along the way, he has earned A.A. and B.S. degrees. For the last several years he has volunteered as the Hispanic and Black Special Emphasis Program Manager, advising NAL man-

agement of the problems concerning hispanic and black employees.

Quotes:

I've been in the system a long time working with EEO. I felt it would be a chance to put my hand on the pulse of what was going on. I thought I could make a difference. I'm a little tired now and ready to turn it over to someone younger....

I have enjoyed serving on the various committees for the library, because I love working with and helping people. I just hope my participation on these committees has or will benefit the library in some way....

I've seen the gap close somewhat between the professionals and technicians. At one point, in one branch, the professionals did not answer the telephones--that was left up to the technicians. And, at the same time, in another branch, the technicians weren't *allowed* to answer the phones. Now, of course, that has all broken down....

I do feel that the Upward Mobility Program plays an important part in bridging the gap between the support positions and the professional positions.... For so many people, being in a lower grade is like being a diamond in the rough. If you don't know how to get polished, you'll never shine. That's what upward mobility is all about. I would like to see it revived.

Tanya Tanner

Tanya Tanner has worked at NAL for three years in Indexing. She has a B.A. in political science from Morgan State University in Baltimore. Although she has 45 graduate hours in economics earned at Howard University, she has

postponed completion of her Master's degree. She has just become NAL's new Black Special Emphasis Program Manager.

Quotes:

My ancestors were brought to Suffolk, Virginia. My great great grandfather was born into slavery, the son of a slave and her German-born owner. Her mulatto son grew up and was bought by a white man named Doyle. He had a good relationship with Doyle and was eventually able to buy his freedom and then his wife's freedom. Their son was born soon after that, a free man, and he worked the land that his father had left him....

My grandfather was one of the first blacks in Suffolk to own a car. All the women used to follow him around because of his car, but not my grandmother. She completely ignored him and that's what fascinated him!.... He moved his family to Baltimore and became the first black head mechanic at Ft. Holabird. Soon he had saved up enough to start his own business--a garage. My mother was the first black cashier at the Bethlehem Steel Company....

I know all this because I ask a lot of questions. Everytime the family gets together I start pestering people with questions. You'd be surprised how much some of them know but don't talk about!....

My first reaction at being asked if I was interested in becoming the Black Special Emphasis Program Manager was negative. I'm not into things that appear devious. I wasn't going to accept, but I started talking to people and I found a lot of indifference. They didn't seem concerned about improving their work environment. So I began to think, 'Maybe there is something I can do that will make a difference. I don't know what, but *something*.'



photo: J. Swab

Tanya Tanner

Mudirakat Kofo Adamoh-Faniyan

Mudirakat Kofo Adamoh-Faniyan, "Kofo" to her friends, born in Lagos, Nigeria, came to the United States in 1981 to attend school. Her education has been achieved through many sacrifices. Seven years she worked for the National Bank of Nigeria to save enough for her fare. Then, leaving her small daughter behind with her parents, she came to the Washington area, staying at first with Nigerian friends, working part-time and attending classes.



photo: D. Starr

Mudirakat Kofo Adamoh-Faniyan

At present, she works for Vanguard Technologies, tending NAL stacks. Last June she graduated from Strayer College with a Bachelor's degree in business administration and an Associate's degree in accounting. Now she is looking for another job in order to put her education to good use. If she is lucky enough to find a good job, she says, she will stay here and send for her daughter. But, if she does not find work here soon, she will have to go back to Nigeria.

Quotes:

What I like most about this country is its system of education. It does not seem as complex as the system back home and there is greater opportunity to work and maintain oneself. What I miss most are my parents and my daughter....

No, I do not see much of African culture here in America. One of the most important things in my country is showing respect for elders. This is shown in every aspect of daily life, even the way we speak to our parents, but I don't see any of that here....

I wouldn't say blacks are equal to whites in this country, but they have more *possibility* to be equal to whites if they educate themselves....

Yes, I have experienced discrimination in America not because of my color, but because of my accent, and it has come mostly from black Americans. They will tell you that *they* are American, and they will tell you to go back to where you came from. They don't believe they are African too.... A girl in my class, a black American, said she believed that I came from the jungle and lived with animals. I explained to her that Africa is not all jungle and that I lived in a city there the same way we do here....

I think the study of black history is a good thing. They are trying to remember when the black people came here--what brought them here. They ought to know they are from somewhere. Maybe that will help them to accommodate foreigners better, if they realize we are all brothers and sisters.

Helen Butler

Helen Butler has spent the last 24 years working for NAL, all of it in the Lending Branch. Having done "every job there is to do" in Lending, she now hosts the Circulation/Information Desk where she assists library patrons in finding and

checking out the information they need. A native of Washington, D.C., she has raised four children here.

Quotes:

I resent it that they set aside one month to learn about black history. It should be taught in the schools as a part of everything else. However, I guess something is better than nothing. I'd like to see the day we don't have Black History Month because black history is taught all year round....

My grandchildren are learning no more about black history than I learned in school and that's not right.... I'd like to see the month celebrated with a minimum of singing and dancing and with more posters and information about the accomplishments of black Americans. There are plenty of them, you know....

I don't think we're asking for anything special, just equality.

Black Americans don't know much about their own history because it's been left out of the traditional history books. It would be beautiful if they could find out more about their heritage. I would like to know more about my own family history....

It's a big job tracing your family history. Most people don't have the time or the money to trace their roots. I don't know much about my own family, but I do know that all my uncles served in the military as ordinary GI Joe's in World War I and II. But my great uncle, Cornelius Proctor, rode with Teddy Roosevelt. He was one of the Rough Riders.

Holly Irving

Even though Holly Irving has been a familiar face around NAL for the last five years, she has been an employee only since last May. Before that she was technically an employee of the University of Maryland on loan to NAL through a cooperative agreement with FNIC. She has been in the Information Systems Division since June working on a special project to premaster CD-ROMs in house. Personal plans will soon overshadow all projects, however, since she will begin maternity leave in March.

Quotes:

My own personal experiences have been very positive.... I've grown up during the age of EEO and there are times I'm



photo: J. Swab

Helen Butler



photo: J. Swab

Holly Irving

genuinely curious to know if things have come my way because of my skills or my color. That's disconcerting. I would like to think that my color has had nothing to do with it, but I guess I'll never know for sure....

No, there are not many minority 'professionals' at NAL. I'm told minorities are not drawn to library work. Maybe when libraries get better press--when librarians are looked upon as information brokers--when it is looked at as an up and coming career, maybe

then more minorities will be drawn to the profession. And then we'll see more at NAL and elsewhere. I hope so. There's a richness there we can't afford to lose....

When we watched on television the fall of Saigon and all those people trying desperately to get on those helicopters, people holding up their children for strangers to take away so they would have something better, I had the sense of that in my own family and in other black families. My parents did everything they could to fling their children forward into a better future--at any cost, even at a loss of the past.... My parents wanted their children to feel comfortable in the white community. They moved to a white urban setting; they worked very hard to put us through school. It was extra difficult for them, but it was the gift they gave to me and my sister. I was flung forward into a better future and paid the price by losing touch with the black community....

Personally, I'm glad there is a Black History Month because I always make a new discovery about black history. When I went to school they were beginning to teach about black history, but you only heard about the big names. During Black History Month new contributors come to light--fascinating people I don't know about. It's a learning opportunity for me....

I would like to think things are wonderful and you don't have to point out that someone is a minority, but, unfortunately, [Black History Month] is still needed.... I would like to see us know more about ourselves as citizens of this country and as citizens of this world.



photo: J. Swab

Carolyn Williamson Thurman

Donald North

Donald North may be NAL's current employee with the longest service; he has worked here for 33 years. Beginning as a GS-1 Messenger, he worked his way up through jobs in Bindery, Cataloging and Indexing. Once again he is back in Cataloging, where he has been cataloging NAL materials for the last 12 years.

Quotes:

Historically, things have not been good for minorities at NAL. I would like to

see us recruit more blacks.... I think Black History Month will be good because it shows that the library is trying to do something. It will be good for morale. We make a big deal over everybody else--why not us?....



photo: J. Swab

Donald North

Carolyn Williamson Thurman

It only took one year of teaching school to convince Carolyn Williamson Thurman that she ought to get a master's degree in library science. She went to work for ARS in 1970 taking care of a small reference/reading room. With a lot of determination and some financial assistance from ARS, she began night courses at the University of Maryland which led, eventually, to her degree. She came to NAL's Cataloging Branch in 1981, and has been there ever since. Recently married, she is busy "reordering" her life.

Quotes:

My experiences at NAL have been good. I've been satisfied with my advancement. When I came into Cataloging, that was not my chosen field in school, but Pat John gave me a chance to learn the task in detail. Now I like it. It's challenging--difficult at times, but rewarding when you find the correct answer.... I felt I advanced not because I was black, but because I was performing my work well. I would like to see more blacks advancing....

Black History Month is important not only for

blacks but for people in general. It is time you set aside to look at one race, its accomplishments, its trials. It should unite people and that's good, because we're all one race, really.... It's a way for the past to help the present. It's a way of learning your roots. Without the past, there would be no present.

Gloria Williams

Born and raised in the Washington area, Gloria Williams has herself raised two children here. She has spent 17 years at NAL--all in the Lending Branch in a variety of jobs.

Quotes:

Black History Month doesn't mean much to me. I'd rather live in the present. I'm an American and I feel like an American, not African. It's fine to study history if you're interested in it. Everyone's priorities are different. I live in the present.



photo: J. Swab

Gloria Williams

NAL Open House

On January 6 and 11 NAL held Open House events for 130 visitors attending the American Library Association mid-winter meeting in Washington, DC. After a welcome by Joseph H. Howard, NAL Director, and a review of new directions for the Associates of NAL, Inc., by its new Executive Director, Patricia Endel, the morning sessions were turned over to the United States Agricultural Information Network (USAIN), chaired by Nancy Eaton, President. Ms. Eaton briefed the audience on the accomplishments so far in setting up the network, and led a discussion on "What Should the New Network Be?" and future development, the scope of membership, the role of members, and related issues.

After the network meeting, the groups broke up into five concurrent sessions on information, lending, and technical services and demonstrations of eight technology applications. These concurrent sessions were repeated in the afternoon, permitting participants opportunity to attend multiple sessions.

The Open House was co-sponsored by the United States Agricultural Information Network. The success of these meetings ensure that more will be planned in the future.



photo: D. Starr

(Above) Three of the officers of the United States Agricultural Information Network: (L-R) Nancy Eaton, Director of Libraries, University of Vermont, President; John Beecher, Director, North Dakota State University Library, Vice President; and Melvin George, Director of Libraries, Oregon State University, Treasurer.



photos: D. Starr

(Above) Pamela Mason, (2nd from right) of NAL's Information Systems Division, demonstrates self service database searching using the CD-ROM version of the AGRICOLA database.



(Right) Nancy Eaton, USAIN President, chairs the Network meeting at the NAL Open House.

NAL Open House

photo: D. Starr
(Right) Robert Butler of the NAL Collection Development Staff demonstrates AGRICO-Learn, the Library's interactive training video-disk developed to teach users how to access and search the AGRICOLA database.

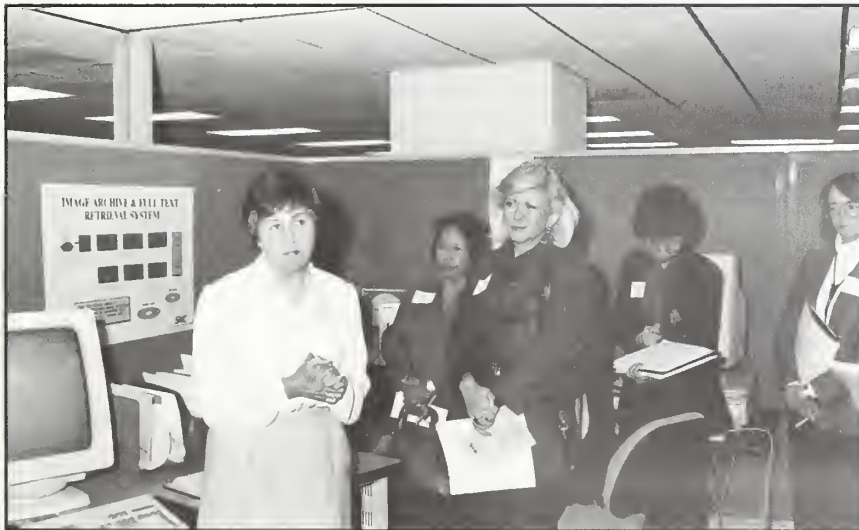
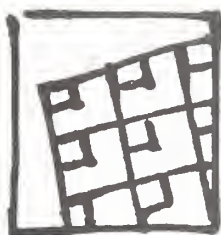


photo: D. Starr
(Left) Judith Zidar (on the left) of NAL's Information Systems Division listens to a question during her demonstration of the National Agricultural Text Digitizing Project. The Project, a joint venture of the land-grant university libraries and NAL, is converting full texts of previously published articles and documents into digital form for preservation and machine readable searching.

photo: D. Starr
(Right) Lee Decker (2nd from right) of Special Services Branch and Roberta Rand (on the right) of Information Systems Division co-chair a discussion and demonstration of ISIS (Integrated System for Information Services). This integrated computer system, when fully operational, will incorporate all automated Library operations and services in one system.





Agriculture Datebook

A NOTE ABOUT THE DATEBOOK: The majority of dates in this listing are from USDA's online "Agriculture Calendar," the remainder from letters requesting inclusion, announcements, etc. Generally we try to list U.S. national and regional meetings and some international; we have been omitting most state or local meetings and names of USDA speakers at all meetings. Although we occasionally repeat dates, our policy is to include them only once. There may be some overlap in time periods covered from one month to another, since there may be new listings for time periods already covered. We also try to list dates well in advance of the meeting date. Occasionally we have listed a meeting that we know will have already taken place by the time of publication, since some readers may want to request papers, proceedings, etc. The editor welcomes comments about the contents policy or suggestions of meetings to be included; send them to the address on the back page of this issue.

March 16-17: National Conference on Organic/Sustainable Agriculture. Washington, DC; Washington Plaza Hotel. Contact: Center for Science in the Public Interest, (202) 332-9110.

March 20: National Agriculture Day. Washington, DC. (Nationwide recognition for the 21 million people in agriculture.) Contact: Bill Whyte, USDA, (202) 447-8174.

March 22: American Farm Bureau Federation Livestock Meeting. Washington, DC. Contact: (202) 653-6976.

March 30-31: Agricultural Communications Conference. Columbia, MO; University of Missouri-Columbia. Contact: Duane Daily, Ag Info Office, (314) 882-3296.

March 30-31: International Animal Health Products Market Seminar. London, England; London Business School. Contact: Vivash-Jones Consultants, Ltd., Down Ampney House, Down Ampney, Cirencester, Glos., GL7 5QW, England.

April 5: High Level Policy Seminar on Agroindustrial Development in the Latin American and Caribbean Region. Brazilia, Brazil. Contact: (202) 447-7025.

April 5-8: Second Annual Hunger Research Briefing and Exchange. Providence, RI; Brown University. Theme: "Overcoming Hunger: Renewing the Effort." Contact: (401) 863-2700.

April 7: National Nutrition Forum. Boston, MA. Contact: (301) 436-7725.

April 7-10: First U.S.-Japan Symposium on Biotechnology. St. Petersburg, FL. Theme: "Gene Expression and Control in Foreign Environment." Contact: Biotech Symposium Office, Showa University Research Institute, 10900 Roosevelt Boulevard, St. Petersburg, FL 33716.

April 9-13: National Fisheries Institute 44th Annual Convention. Las Vegas, NV. Contact: (202) 857-1110.

April 9-15: 59th National 4-H Conference. Chevy Chase,

Maryland; National 4-H Center. Contact: (301) 656-9000.

April 19: Meat Information Conference. New York, NY. Contact: AMI, (703) 841-2400.

April 21: Global Climate Change and Natural Resource Implication for the Intermountain West Symposium. Logan, UT; Utah State University, College of Natural Resources. Contact: (801) 750-2445.

April 30 - May 3: National Industries for the Severely Handicapped Annual Conference. San Antonio, TX. Contact: (202) 447-3937.

May 7-12: Agricultural Editors Photo School. Columbia, MO; University of Missouri-Columbia. Contact: Duane Daily, Ag Info Office, (314) 882-3296.

May 8-11: American Feed Industry Association Annual Convention. Kansas City, MO. Contact: AFIA, (703) 524-0810.

May 15-17: American Meat Institute Public Affairs Conference. Washington, DC; Loew's L'Enfant Plaza Hotel. Contact: AMI, (703) 841-2400.

May 18-19: Annual D.C. Region ACE-OI Spring Workshop. Washington, DC; Washington Plaza Hotel. Contact: Denver Browning, ACE D.C. Region President, (202) 447-2058.

June 19-20: Economists and Planners Conference. Washington, DC. Contact: (202) 653-6976.

June 19-22: Association of Southern Feed, Fertilizer & Pesticide Control Officials Annual Meeting. Raleigh, NC; Sheraton/Crabtree Valley. Contact: Georgia Dept. of Agric., Capitol Square, Atlanta, GA 30334.

June 21-22: Association of Cooperative Educators Meeting. Minneapolis, MN. Contact: (202) 653-6976.

June 21-22: Livestock Industry Congress. Lexington, KY. Contact: Livestock Industry Institute, 7509 Tiffany Springs Pkwy., Kansas City, MO 64190-1402.

June 24: 50th Institute of Food Technologists Workshop. Chicago, IL. Contact: (202) 447-7025.

June 24-29: American Library Association Conference. Dallas, TX.

June 25-29: American Seed Trade Association Annual Conference. Washington, DC. Contact: ASTA, 1030 15th Street, N.W., Suite 964, Washington, DC 20005-1593. (202) 223-4080.

June 26: Association of Food and Drug Officials Annual Conference. Louisville, KY. Contact: (202) 447-7025.

June 28-July 1: National Association of Nutrition and Aging Services Annual Conference. Baltimore, MD; Hyatt Regency Inner Harbor. Contact: NANASP, (800) 999-6262.

July 2-August 5: Governor's School for Agricultural Sciences at Penn State. University Park, PA; Penn State University. Contact: Alan Finney, (814) 865-7521.

July 9-11: National Turkey Federation Summer Meeting. Alexandria, MN. Contact: NTF, (804) 435-7206.

July 14-15: Association of Cottonseed Products Dealers 11th Annual Meeting. Welches, OR; Rippling River Resort. Contact: Elmer E. Short, Box 17526, Memphis, TN 38187.

July 17: World Future Society 6th General Assembly. Washington, DC. Theme: "Futureview: The 1990's and Beyond." Contact: (202) 447-7025.

July 19: W.O. Atwater Memorial Lecture. Chicago, IL. Contact: (202) 447-3656.





New Bibliographies

Bibliographies and Literature of Agriculture

This is a retrospective listing of the U. S. Department of Agriculture's series *Bibliographies and Literature of Agriculture (BLA)*. Future additions to the series will be listed as published. Not all items are distributed from the National Agricultural Library. However, copies are available for use at NAL, or for borrowing subject to NAL's lending policies. In addition, following this list there is an abbreviated listing of items which NAL has available for free distribution.

Items marked (NTIS) are available from:
National Technical Information Service
U.S. Department of Commerce
5285 Port Royal Road
Springfield, Virginia 22161.

Items marked (GPO) are available from:
Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20401

Items marked (NAL) are available on interlibrary loan:
National Agricultural Library
Lending Branch-Interlibrary Loan
Room 300
10301 Baltimore Blvd.
Beltsville, MD 20705

Or call (301) 344-4110 for additional information on borrowing materials from NAL. The NAL call number for all items is: aZ5076.A1U54

BLA-1: Bibliography of Agricultural Bibliographies, 1977. Charles N. Bebee. National Agricultural Library, 1978. 343 p. (NAL aZ5076.A1U54 no. 1)

BLA-2: Aquaculture and Hydroponics: 1968-78. Charles N. Bebee. National Agricultural Library, 1979. 71 p. (NAL aZ5076.A1U54 no. 2)

BLA-3: Agriculture of the American Indian: A Select Bibliography. Cecil Harvey. Economics, Statistics, and Cooperative Service, 1979. 64 p. (NAL aZ5076.A1U54 no. 3)

BLA-4: Sorghums and Millets Bibliography, April 1976-August 1978. Charles N. Bebee. Science & Education Administration, 1979. 186 p.
(NAL aZ5076.A1U54 no. 4)

BLA-5: Energy for Agriculture--A Computerized Information Retrieval System. Technical Information Systems, 1979. 408 p. (NAL aZ5076.A1U54 no. 5)

BLA-6: A Bibliography of Economic Regulation of Agricultural and Nonagricultural Industries, 1960-79. Winston W. Grant and Dale C. Dahl. Economics, Statistics, and Cooperative Services, 1980. 50 p. \$10.00 paper; \$6.50 microfiche (PB80-145063). (NTIS)

BLA-7: Wood and Energy in New England; A Review and Bibliography. Lynn Palmer, Robert McKusick, and Mark Bailey. Natural Resources Division; Economics, Statistics and Cooperative Service, 1980. 71 p. \$11.50 paper; \$6.50 microfiche (PB80-176878) (NTIS)

BLA-8: Reclamation and Revegetation of Land Area Disturbed by Man; an Annotated Bibliography of Agricultural Research, 1972-80. R. F. Follett. Science and Education Administration, Agricultural Research Service, 1980. 55 p. (NAL aZ5076.A1U54 no. 8).

BLA-9: Review and Evaluation of Urban Flood Flow Frequency Procedures. Walter J. Rawls, Virginia Strickler, and Ken Wilson. Science and Education Administration, 1980. 62 p. (NAL aZ5076.A1U54 no. 9).

BLA-10: Rooting Habits of Selected Commercial Tree Species of the Eastern United States, A Bibliography. Peninah Smith and Leanne Every. Forest Service, 1980. 59 p. (NAL aZ5076.A1U54 no. 10).

BLA-11: Bibliography for Small and Organic Farmers, 1920-78. J. W. Schwartz. Science and Education Administration, 1981. 237 p. (NAL aZ5076.A1U54 no. 11).

BLA-12: Grain Dust Abstracts. Fang S. Lai. Science and Education Administration, 1981. 28 p. (NAL aZ5076.A1U54 no. 12).

BLA-13: Bibliography and Keyword Index of the Biting Midges (Diptera: Ceratopogonidae). William R. Atchley, Willis W. Worth, Charles T. Gaskins, and Sandra L. Strauss. Science and Education Administration, 1981. 544 p. \$42.95 paper; \$6.50 microfiche (PB82-128398). (NTIS)

BLA-14: Economics of Agricultural Pest Control: An Annotated Bibliography, 1960-79. Craig D. Ostenn, Edward B. Bradley, and L. Joe Moffit. Natural Resources and Economics: Economics and Statistics Service, 1981, 53 p. \$13.95 paper; \$6.50 microfiche (PB81-237638) (NTIS)

BLA-15: A Selective Bibliography on Insects Causing Wood Defects in Living Eastern Hardwood Trees. C. John Hayward and J. D. Solomon. Forest Service, 1981. 34 p. (NAL aZ5076.A1U54 no. 15).

BLA-16: Structure of U.S. Agriculture Bibliography. Ronald C. Wimberly and Charles N. Bebee. Science and Education Administration, 1981. 514 p. (NAL aZ5076.A1U54 no. 16).

BLA-17: Bibliography of Psylla (Homoptera: Psyllidae) on Pear Trees. G. J. Fields, R. W. Zwick, and H. R. Moffitt. Science and Education Administration, 1981. 12 p. (NAL aZ5076.A1U54 no. 17).

BLA-18: Storage of High-Moisture Grain Treated with Chemicals; A Bibliography. Agricultural Research Service, 1982. 17 p. (NAL aZ5076.A1U54 no. 18).

BLA-19: Inputs Used in U.S. Farm Production, A Bibliography of Selected Economic Studies, 1950-80. Thomas Spinks and Dale C. Dahl. Economics and Statistics Service, 1981. 162 p. \$18.95 paper; \$6.50 microfiche (PB81-200321). (NTIS)

BLA-20: English and Foreign Publications on Hops. C. E. Zimmerman. Science and Education Administration, 1981. 89 p. (NAL aZ5076.A1U54 no. 20).

BLA-21: A Survey of Recent U.S. Developments in International Agricultural Trade Models. Robert L. Thompson. Economic Research Service, 1981. 74 p. \$11.50 paper; \$6.50 microfiche (PB82-102609). (NTIS)

BLA-22: Great Plains Irrigation, 1975-80; A Literature Review. Curtis A. Everson and Rodney L. Sharpe. Economic Research Service, 1981. 69 p. \$11.50 paper; \$6.50 microfiche (PB82-102096). (NTIS)

BLA-23: Relationships of Birds and Spruce Budworms --Literature Review and Annotated Bibliography. Hewlette S. Crawford, Jr. and Daniel T. Jennings. Forest Service, 1982. (NAL aZ5076.A1U54 no. 23).

BLA-24: Nutrition Education Resource Guide: An Annotated Bibliography of Educational Materials for the WIC and CSF Programs. E. C. McLaughlin, J. Randell, M. Mower, and J. J. Kiefer. Human Nutrition Information Service, 1982. 148 p. (NAL aZ5076.A1U54 no. 24).

BLA-25: Directory of Aquaculture Information Resources. National Agricultural Library, 1982. 53 p. \$10.00 paper; \$6.50 microfiche (PB83-176388). (NTIS)

BLA-26: Major Aquaculture Associations, Education and Research Resources in the United States. National Agricultural Library, 1983. 174 p. \$17.50 paper; \$6.50 microfiche (PB83-226407). (NTIS)

BLA-27: A Selected Bibliography of Insect-Vascular Plant Associational Studies. John M. Kingsolver, Suzanne W. T. Batra, Joyce A. Utmar. Agricultural Research Service, 1984. 229 p. \$19.50 paper; \$6.50 microfiche (PB84-207943). (NTIS)

BLA-28: Literature for U.S. Aquaculture, 1970-82. John B. Forbes and Charles N. Bebee. National Agricultural Library, 1983. 288 p. \$23.50 paper; \$6.50 microfiche (PB84-237562). (NTIS)

BLA-29: Bibliography of Economic Reports on the

Production and Marketing of Fruits and Vegetables, 1976-80. Joan Pearrow. Economic Research Service, 1983. 79 p. \$11.50 paper; \$6.50 microfiche (PB84-135839). (NTIS)

BLA-30: Worldwide Literature of the Lygus Complex (Hemiptera: Miridae), 1900-80. H. M. Graham, A. A. Negm, L. R. Ertle. Agricultural Research Service, 1984. 205 p. \$22.95 paper; \$6.50 microfiche (PB85-115087/XAB). (NTIS)

BLA-31: Promoting Nutrition Through Education--A Resource Guide to the Nutrition Education and Training Program. National Agricultural Library, 1984. 163 p. \$7.50 (Stock No. 001-000-04436-2). (GPO)

BLA-32: Bibliography of Agricultural Bibliographies, 1978-82. Charles N. Bebee. National Agricultural Library, 1985. 163 p. \$16.00 paper; \$6.50 microfiche (PB85-187649/XAB). (NTIS)

BLA-33: The Papers of Layne R. Beaty--A Register of His Papers in the National Agricultural Library. William Thomas Auman. National Agricultural Library, 1985. 49 p. \$11.95 paper; \$6.50 microfiche (PB85-2245744/XAB). (NTIS)

BLA-34: Nutrition and the Elderly: A Selected Annotated Bibliography for Nutrition and Health Professionals. Evelyn Cox and Janet Sandberg. National Agricultural Library, 1985. 150 p. \$6.00 (Stock No. 001-024-00218-6). (GPO)

BLA-35: Practical Aquaculture Literature. Bille Hougart, James E. Miller, Wallace C. Olsen. National Agricultural Library, 1985. 41 p. \$9.95 paper; \$6.50 microfiche (PB86-103447/XAB). (NTIS)

BLA-36: The Protection of Corn, 1980-November 1984. Charles N. Bebee. National Agricultural Library, 1985. 215 p. \$19.00 paper; \$6.50 microfiche (PB85-222669/XAB). (NTIS)

BLA-37: The Protection of Cotton, January 1980-November 1984. Charles N. Bebee. National Agricultural Library, 1985. 194 p. \$22.95 paper; \$6.50 microfiche (PB85-24839/XAB). (NTIS)

BLA-38: The Protection of Soybeans, January 1980-November 1984. Charles N. Bebee. National Agricultural Library, 1985. 241 p. \$22.95 paper; \$6.50 microfiche (PB86-101995/XAB). (NTIS)

BLA-39: Chemigation/Irrigation, January 1970-December 1984. Charles N. Bebee. National Agricultural Library, 1985. 65 p. \$11.95 paper; \$6.50 microfiche (PB86-109931/XAB). (NTIS)

BLA-40: The Protection of Stone Fruits, Excluding Cherries, 1979-March 1985. Charles N. Bebee. National Agricultural Library, 1985. 89 p. \$13.95 paper; \$6.50 microfiche (PB86-115748/XAB). (NTIS)

BLA-41: The Protection of Pome Fruits, 1979-March 1985. Charles N. Bebee. National Agricultural Library, 1985. 229 p. \$22.95 paper; \$6.50 microfiche (PB86-114139/XAB). (NTIS)

BLA-42: Agricultural Databases Directory. Martha E. Williams and Carolyn G. Robins. National Agricultural Library, 1985. 229 p. \$22.95 paper; \$6.50 microfiche (PB86-120789/XAB). (NTIS)

BLA-43: The Protection of Wheat, January 1980-December 1984. Charles N. Bebee. National Agricultural Library, 1985. 229 p. \$22.95 paper; \$6.50 microfiche (PB86-115391/XAB). (NTIS)

BLA-44: Bibliography of Agricultural Bibliographies, 1983. Charles N. Bebee. National Agricultural Library, 1985. 288 p. \$22.95 paper; \$6.50 microfiche (PB86-128048/XAB). (NTIS)

BLA-45: The Protection of Peanuts: January 1979-July 1985. Charles N. Bebee. National Agricultural Library, 1986. 107 p. \$16.95 paper; \$6.50 microfiche (PB86-182326/XAB). (NTIS)

BLA-46: The Protection of Sorghum and Millets: January 1979-July 1985. Charles N. Bebee. National Agricultural Library, 1986. 107 p. \$16.95 paper; \$6.50 microfiche. (PB86-183126/AS). (NTIS)

BLA-47: Guides and Manuals for Pesticide Applicator Training: January 1979-August 1985. Charles N. Bebee. National Agricultural Library, 1986. 207 p. \$22.95 paper; \$6.50 microfiche. (PB86-182243/XAB). (NTIS)

BLA-48: Economic Gains from Agricultural Trade. Barry Coyle, Robert G. Chambers, Andrew Schmitz. Economic Research Service; 1986. 92 p. \$11.95 paper; \$6.50 microfiche. (PB86-182243/XAB). (NTIS)

BLA-49: Mycobacterioses in Swine and their Significance to Public Health. B. P. Day. Food Safety and Inspection Service, 1986. 92 p. \$13.95 paper; \$6.50 microfiche. (NTIS)

BLA-50: Agricultural Labor in North America: Policies and Problems, 1979-1985. Charles N. Bebee, National Agricultural Library, 1986. 166 p. \$18.95 paper; \$6.50 microfiche. (PB87-107793/XAB). (NTIS)

BLA-51: Conservation Tillage: January 1980-August 1986. Citations from Agricola Concerning Diseases and other Environmental Considerations. Charles N. Bebee, National Agricultural Library, 1986. 208 p. \$24.95 paper; \$6.50 microfiche. (PB87-113213/XAB). (NTIS)

BLA-52: The Protection of Hays, 1979-1985: Citations from Agricola Concerning Diseases and other Environmental considerations. Charles N. Bebee. National Agricultural Library, 1986. 154 p. \$18.95 paper; \$6.50 microfiche. (PB87-107801/XAB). (NTIS)

BLA-53: The Protection of Citrus, 1979-March 1986: Citations from Agricola Concerning Diseases and Other Environmental Considerations. Charles N. Bebee. National Agricultural Library, 1986. 147 p. \$18.95 paper; \$6.50 microfiche. (PB87-129789/XAB). (NTIS)

BLA-54: Bibliography of American Agricultural Bibliographies, 1984: A Categorized Listing of American Bibliographies Indexed in Agricola. Charles N. Bebee. National Agricultural Library, 1986. 159 p. \$18.95 paper; \$6.50 microfiche. (PB87-12989/XAB). (NTIS)

BLA-55: The M. Truman Fossum Floriculture Collection: A Register of His Papers in the National Agricultural Library. Alan Fusonic. National Agricultural Library, 1987. 129 p. \$19.95 paper; \$6.95 microfiche. (PB88-144126). (NTIS)

BLA-56: Research on Economic Post-Harvest Loss an Annotated Bibliography. Philip D. Gardner, John L. Baritelle, and Elizabeth Lanzer. Economic Research Service, 1987. 69 p. \$14.95 paper; \$6.95 microfiche. (PB88-119474/AS). (NTIS)

BLA-57: Chemigation, January 1970-August 1986; Citations from Agricola. Charles N. Bebee. National Agricultural Library, 1987. 108 p. \$19.95 paper; \$6.95 microfiche. (PB88-113204/AS). (NTIS)

BLA-58: Fruit Bats (Megachiroptera) of the World: A Bibliography. Janet E. Morse, Marjorie C. Falanruw, Craig D. Whitesell, and James A. Baldwin. Forest Service, 1987. 38 p. (GPO)

BLA-59: North American Coniferophagous *Choristoneura*: A Bibliography. Peter Baez. Forest Service, 1987. (GPO)

BLA-60: The Protection of Turf Grasses, 1979-March 1987. Citations for Agricola Concerning Diseases and Other Environmental Considerations. Charles N. Bebee, National Agricultural Library, 1987. 154 p. \$19.95 paper; \$6.95 microfiche. (PB88-144068). (NTIS)

BLA-61: The Protection of Potatoes, Sweet Potatoes and Yams, 1979-March 1987. Citations for Agricola Concerning Diseases and Other Environmental Considerations. Charles N. Bebee, National Agricultural Library, 1987. 159 p. \$19.95 paper; \$6.95 microfiche. (PB88-155627/AS). (NTIS)

BLA-62: A Bibliography of Rhubarb and Rheum Species. Dale E. Marshall, National Agricultural Library, 1988. 377 p. \$32.95 paper; \$6.95 microfiche. (PB89-110084/AS). (NTIS)

BLA-63: The Protection of Ground and Surface Waters, January 1982-August 1987. Citations for Agricola Concerning Diseases and Other Environmental Considerations. Charles N. Bebee, National Agricultural Library, 1988. 912 p. \$68.95 paper; \$14.50 microfiche. (PB88-

BLA-64: Plant Growth Regulators for Higher Plants, January 1979-February 1988. Citations from Agricola. Charles N. Bebee. National Agricultural Library, 1988. 340 p. \$32.95 paper; \$6.95 microfiche. (PB88-250410). (NTIS)

BLA-65: The Protection of Sugarcane and Sugar Beets, January 1979-February 1988. Citations from Agricola. Charles N. Bebee. National Agricultural Library, 1988. 169 p. \$19.95 paper; \$6.95 microfiche. (PB88-250402). (NTIS)

BLA-66: Marketing of Floricultural Products.... Susan Whitmore. National Agricultural Library, 1989. (GPO)
[To be available April 1989]

BLA-67: The Protection of Leaf Vegetables, January 1979-April 1988. Citations from Agricola. Charles N. Bebee. National Agricultural Library, 1988. 175 p. \$19.95 paper; \$6.95 microfiche. (PB88-250378). (NTIS)

BLA-68: The Protection of Root Vegetables, January 1979-April 1988. Citations from Agricola. Charles N. Bebee. National Agricultural Library, 1988. 107 p. \$19.95 paper; \$6.95 microfiche. (PB89-112973/AS). (NTIS)

BLA-69: The Protection of Corn, November 1984-April 1988. Citations from Agricola. Charles N. Bebee. National Agricultural Library, 1988. 243 p. \$25.95 paper; \$6.95 microfiche. (PB89-112965/AS). (NTIS)

BLA-70: Federal and State Regulations of Food Product Safety and Quality: A Selected Partial Annotated Bibliography. Julie A. Caswell. Economic Research Service, 1988. 42 p. (PB89-114342). (NTIS)

BLA-71: Aquaculture in the Caribbean Basin: A Bibliography. Deborah T. Hanfman, Steven Tibbitt, Carol Watts, and Dallas Alston. National Agricultural Library, 1988. 71 p. \$15.95 paper; \$6.95 microfiche. (PB89-117584/AS). (NTIS)

BLA-72: Tracing the Evolution of Organic/Sustainable Agriculture. Jane Potter Gates. National Agricultural Library, 1988. 20 p. (GPO)

BLA's Available from NAL

Limited numbers of the following *Bibliographies and Literature of Agriculture (BLA)* series are available for distribution from NAL. Quantities on hand at the time the list was drawn up are indicated. Only one copy of each title will be supplied. To request a copy, circle the desired title(s) below and send a self addressed mailing label with the request to:

National Agricultural Library
Special Services, Room 1402
10301 Baltimore Boulevard
Beltsville, MD 20705

BLA # / TITLE / QUANTITY AVAILABLE

2 / Aquaculture and Hydroponics... / 42
3 / Agriculture of the American Indian... / 200
31 / Promoting Nutrition Through Education... / 170
32 / Bibliography of Agricultural Bibliographies... / 142
33 / Papers of Layne R. Beaty... / 209
35 / Practical Aquaculture Literature / 200
37 / Protection of Cotton...-1984 / 52
40 / Protection of Stone Fruits...-1985 / 89
41 / Protection of Pome Fruits...-1985 / 95
42 / Agricultural Databases Directory / 73
44 / Bibliography of Agricultural Bibliographies, 1983 / 31
45 / Protection of Peanuts...-1985 / 224
46 / Protection of Sorghum and Millets...-1985 / 246
47 / Guides...for Pesticide Applicator Training...-1985 / 97
49 / Mycobacterioses in Swine...Public Health / 60
52 / Protection of Hays...-1985 / 135
53 / Protection of Citrus...-1986 / 190
54 / Bib. of American Agricultural Bibliographies, 1984 / 50
55 / The M. Truman Fossum Floriculture Collection / 70
57 / Chemigation...-1986 / 230
60 / Protection of Turf Grasses...-1987 / 359
61 / Protection of Potatoes...-1987 / 570
62 / Bibliography of Rhubarb and Rheum Species / 1000
63 / Protection of Ground and Surface Waters...-1987 / 1192
64 / Plant Growth Regulators for Higher Plants...-1988 / 360
65 / Protection of Sugarcane and Sugar Beets...-1988 / 950
67 / Protection of Leaf Vegetables...-1988 / 608
68 / Protection of Root Vegetables...-1988 / 350
69 / Protection of Corn...-1988 / 370
71 / Aquaculture in the Caribbean Basin... / 200
72 / Tracing...Organic/Sustainable Agriculture / 200

Quick Bibliographies

The bibliographies in the *Quick Bibliography* series are primarily computerized online as batch bibliographies emanating from searches performed by the NAL Public Services Division Staff in response to customer requests. Searches are selected for inclusion based on the currency of the topic, interest among clientele, and probable value to a larger audience. Since October 1988, all *QB's* include search strategies. Unless otherwise specified, citations are from AGRICOLA.

The other bibliographic series, including *Special Reference Briefs*, have been researched and produced to meet special needs of clientele of the Library and its Information Centers. Revisions or updates will be announced when produced. Only one copy of a requested title will be sent; however, requesters may make copies. To request a copy of a *Quick Bibliography*, *Special Reference Brief*, or other bibliographic work, circle the desired title(s) below and send your request with a self-addressed label to:

Reference Branch, Room 111
National Agricultural Library
Beltsville, MD 20705

Q.B.--89-22. Herb Gardening, January 1981-October 1988. 137 citations; English only. Prepared by Jayne T.

Q.B.--89-23. Animal Welfare Legislation and Regulation, January 1979-November 1988. 301 citations; languages: none excluded. Prepared by Janice C. Swanson. February 1989. Updates 88-40.

Q.B.--89-24. Transportation of Agricultural Goods, January 1979-November 1988. 158 citations; languages: none excluded. Prepared by Mary E. Lassanyi. February 1989.

Q.B.--89-25. Biotechnology: Bovine Somatotropin/Growth Hormone, January 1979-November 1988. 204 citations; languages: none excluded. Prepared by Jean Larson. February 1989. Updates 88-18.

Q.B.--89-26. Biotechnology: Growth Hormone in the Pig, January 1979-December 1988. 70 citations; languages: none excluded. Prepared by Jean Larson. February 1989.

Q.B.--89-27. Hydroponics-Nutrient Film Technique, January 1983-November 1988. 239 citations; English only. Prepared by Henry Gilbert. February 1989. Updates 89-27.

Q.B.--89-28. Landscape Design/Landscape Architecture, January 1970-November 1988. 305 citations; languages: none excluded. Prepared by Henry Gilbert. February 1989.

Q.B.--89-29. Llamas and South American Camelids, January 1970-October 1988. 153 citations; languages: none excluded. Prepared by Sheldon Cheney. February 1989.

Q.B.--89-30. Rapeseed As An Industrial Crop, January 1979-November 1988. 163 citations; languages: none excluded. Prepared by Jerry Rafats. February 1989. Updates 86-44.

Q.B.--89-31. Potential New Crops: Lesquerella, Lunaria, Sapium Sebiferum, and Stokesia, January 1970-November 1988. 79 citations; languages: none excluded. Prepared by Jerry Rafats. February 1989. Updates 86-15.

Q.B.--89-32. Potential New Crop: Vernonia, January 1970-November 1988. 163 citations; languages: none excluded. Prepared by Jerry Rafats. March 1989. Updates 86-14.

Q.B.--89-33. Potential New Crop: Meadowfoam, January 1970-November 1988. 73 citations; languages: none excluded. Prepared by Jerry Rafats. March 1989. Updates 86-13.

Special Reference Briefs

S.R.B.--89-04. The LD50 (Median Lethal Dose) Toxicity Test, 1980-1988. Prepared by Karen J. Clingerman. February 1989.

S.R.B.--89-05. Food Irradiation Overview. Prepared by Kerry A. Brandt. February 1989.

Search Tips Series

S.T.S.-02. Searching AGRICOLA for Low Input/Sustainable Agriculture. Prepared by Karl R. Schneider and Maria Stransky. December 1988.



New Serials Received at NAL

Advances in Second Messenger and Phosphoprotein Research. New York: Raven Press, Vol. 21 [1988]-
QP801.N82A3

Baking. Chicago, Ill.: Putnam Pub. Co. Monthly. Vol. 101, no. 3 (Mar. 1988)-
HD9057.A1B352

BioTrack / Fisher Scientific, Biotechnology Division. Pittsburgh, PA: The Division. Quarterly. Vol. 1, no. 1 (Apr. 1986)-
TP248.22.B7

Biotropia. Bogor, Indonesia: SEAMEO-BIOTROP. Semiannual. Vol. 1, no. 1 (July-Dec. 1987)-
SD235.I45B52

Budownictwo wodne i inzyniria sanitarna. Kraków: Wydawn. Politechniki Krakowskiej. Zesz. 19 (1972)-
TC1.B83

Bulletin / Puerto Rico Agricultural Experiment Station. Washington: Government Printing Office. No. 1 [1903]-
100 P83

CAMCORE Bulletin on Tropical Forestry. [Raleigh, N.C.?]: Central America and Mexico Resources Cooperative, North Carolina State University. No. 1 (June 1984)-
SD247.C35

The China Phone Book and Business Directory = Chung-kuo tien hua pu. [Hong Kong]: China Phone Book Co., Ltd. Semiannual. 1988, Jan.-June ed.-
DS705.C52

Entomologische Zeitschrift mit Insektenbörse. Stuttgart: A. Kernan. Semimonthly. 91 Jahrg., Nr. 1/2 (15 Jan. 1981)-
421 En85

Estadística Panameña. Serie H.1: información agropecuaria, precios recibidos por el agricultor. Panamá: Dirección de Estadística y Censo. Monthly. Año 18 (enero 1969)-
254 P197In

Food Sciences and Nutrition. London; Paris: J. Libbey. Quarterly. Vol. 42F, no. 1 (June 1988)-
TX341.H85

Garden, Fruit and Flower Guide / Cooperative Extension Work in Agriculture and Home Economics, State of Mississippi, Mississippi State College and U.S. Dept. of Agriculture Cooperating. [State College, Miss.: Mississippi State College, Extension Service]. Monthly, Jan. 1947- Bimonthly, Oct. 1956-
275.29 M68G

Giannini Information Series / Giannini Foundation of Agricultural Economics, University of California, Division of Agriculture and Natural Resources. [Davis, Calif.]: The Foundation. Irregular. No. 86-2 [1986?]-
HD1401.G532

The Herb, Spice and Medicinal Plant Digest / Prepared by the Department of Plant and Soil Sciences. [Amherst, Mass.: Massachusetts Cooperative Extension Service] Quarterly, 1986- Semiannual, 1983-85. Vol. 1, no. 1 (winter 1983)-
SB351.H5H365

ISI Atlas of Science. Animal & Plant Sciences. [Philadelphia, PA: Institute for Scientific Information.] Quarterly, with annual cumulation. 1988, Vol. no. 1, issue no 1-
QH301.I552

International Biotechnology Industrial Directory. Maplewood, NJ, U.S.A.: CTB International Pub., Inc. Annual. 1988/89 ed.-
HD9999.B442I5

International Financial Statistics. Supplement Series. Washington, D.C.: International Monetary Fund. Two issues yearly. No. 1 [1981]-
HG3879.I57

Investigación Agrícola: organo divulgativo de la Sub-Dirección de Investigaciones Agrícolas. San José, Costa Rica: Ministerio de Agricultura y Ganadería. Vol. 1, no. 1 [1987]-
S542.C8I52

Leaflet [microform]. State College, PA: Cooperative Extension Service, Pennsylvania State University. Irregular. 353 (1980)-
Film S-1236

Lesnictwo. Kraków: Wyzsza Szkoła Rolnicza. 1 [1966]-
SD1.K7

Newsletter / VERIS, Vitamin E Research and Information Service. Minneapolis, MN: The Service. Bimonthly. Vol. 1, no. 1 (Nov. 1985)-
RM666.T65N4

Plant Varieties Journal. [Canberra, A.C.T.: Registrar of Plant Variety Rights, Bureau of Rural Science.] Quarterly. Vol. 1, no. 1 (Mar. 1988)-
QK1.P54

Referativnyi zhurnal, 8, Kormovye kultury, senokosy i pastbishcha / VASKhNIL, Vsesoiuznyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniia po selskomy khoziaistvu. Moskva: VNIITEISKh. Monthly. 1983, 1 (ianv. 1983)-
Z5074.F7R4

Report of Research / Commonwealth Scientific and Industrial Research Organization, Australia, Division of Food Research. Sydney: The Division. Annual. 1970/71-
TP368.C65

Schriftenreihe der Bundesanstalt für Agrarwirtschaft. Wien: Die Bundesanstalt. Irregular. Nr. 39 [1983]-
S7.A58

Site Selection and Industrial Development. [Norcross, Ga.: Conway Data, Inc.] Bimonthly. Vol. 33, no. 5 (Oct. 1988)-
HD58.I47

Water Resources Development in Minnesota / by the US Army Corps of Engineers. [Chicago, Ill.]: US Army Corps of Engineers, North Central Division. Biennial. 1981-
TC424.M6W37

Water Resources Development in Wisconsin / by the US Army Corps of Engineers. [Chicago, Ill.]: US Army Corps of Engineers, North Central Division. Biennial. 1981-
TC424.W6W37

Zusetsu nogyo hakusho. Tokyo: Norin Tokei Kyokai, Showa 47. Annual. Showa 46 nendo [1971]-
HD2092.N66



Publications Exchange

Surplus Publications

The National Agricultural Library will make available the following surplus publications to any interested organization that regularly sends free publications to NAL, including most Federal, land-grant, and agricultural research institutions as well as many others. Foreign institutions will need to provide a U.S. mailing address or make other special arrangements with U.S. sources for shipment of material. Listed titles may be requested up to six months following announcement.

If interested, please enclose an addressed label with your request and write to:

National Agricultural Library
Attn: Gift and Exchange/RF, Room 002
10301 Baltimore Boulevard

Beltsville, MD 20705
Or call Ruth Finnblade, (301) 344-1207.

American Journal of Agricultural Economics. Vol. 53-69, 1971-87.

Animal Breeding Abstracts. Vol. 44, 1976.

Biochemistry. (Translated from Russian) Vol. 47-50, 1982-85.

Comparative Immunology Microbiology and Infectious Diseases. Vol. 1-10, 1979-87.

Forest Science. Vol. 30-31, 1984-85.

In Vitro Cellular & Developmental Biology. Vol. 21-23, 1985-87.

Journal of Agricultural Research. Vol. 30-50, 1925-35.

Journal of Insect Physiology. Vol. 23-24, 1977-78.

Journal of Liquid Chromatography. Vol. 2-4, 1979-81.

Journal of the Irrigation & Drainage Division. [...American Society of Civil Engineers.] Vol. 94-103, 1968-77.

Pesticides Monitoring Journal. Vol. 1-15, 1967-81.

Proceedings of the American Society for Horticultural Science. Vol. 80-93, 1962-68.

Proceedings of the Society for Experimental Biology and Medicine. Vol. 155-179, 1977-85.

Royal Microscopical Society Journal. Vol. 82-90, 1963-69.

Soil Science Society of American Proceedings. Vol. 32-52, 1968-87.

Under Glass. The Home Greenhouse Gardeners Magazine. 1966-74, 1978.

Water Resources Research. Vol. 12-14, 1976-78.

Weed Research. Vol. 4-6, 1964-66.

Surplus Publications in Russian

Achievements of Dokuchaevan Soil Science in Kazakhstan. Alma-Ata, 1985.

Agrarian Workshop in a Factory. Moskva, 1986.

Artificial Insemination of Swine. Moskva, 1980.

Asymmetry in Animals. Moskva, 1987.

Biological Principles of Prophylactics of Hymenolepidosis of the Waterfowls in Kazakhstan. Alma Ata, 1980.

Chemical and Biological Means of Protecting Floral and Decorative Plants. Kishinev, 1984.

Cultivating Soybeans on Irrigated Lands. Moskva, 1981.

Economical Relations Between CEMA and the West. Moskva, 1983.

Economics for the Production of Vegetables and Potatoes. Moskva, 1984.

Handbook of Snow. Principles, Processes, Management & Use. Leningrad, 1986.

Handbook on the Energetics of Woodworking Enterprises. Moskva, 1982.

Intensification of Flax Production. Moskva, 1981.

Mechanization of Processing Straw for Feed. Moskva, 1983.

On Plant Diseases. Moskva, 1985.

Plant Life in Extreme High-mountain Conditions. Leningrad, 1984.

Reactivity of Plant Exometabolites. Moskva, 1984.

Reclamation of Virgin Soil in the Area of the Karakum Canal in the Name of V.I. Lenin. Ashkhabad, 1981.

Selection of Corn, Sorghum and Fodder Beets for Irrigated Fodder Production in Uzbekistan. Tashkent, 1984.

Sheep Raising in Siberia. Moskva, 1981.

Use and Maintenance of Tractor Cranes. Moskva, 1981.

Wage in Agriculture. Moskva, 1982.

Serial Gaps

The National Agricultural Library identifies gaps in the national collection through collection maintenance activities and patron requests. We appreciate your donation of the following publications needed to complete collections. If you have questions, call Ruth Finnblade, Gift and Exchange Program, (301) 344-1207.

Send items to:

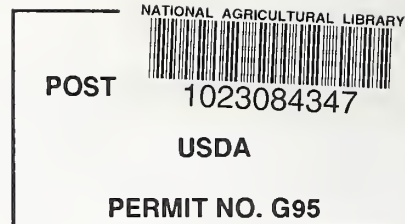
National Agricultural Library
Gift and Exchange Program/RF, Room 002G
10301 Baltimore Boulevard
Beltsville, MD 20705

Australian Journal of Agricultural Research. Vol. 39, (3-4), 1988.

Journal of Hydrology. All 1987 and 1988 issues.



United States Department of Agriculture
National Agricultural Library
ALIN Editor, Room 203
Beltsville, MD 20705



OFFICIAL BUSINESS
Penalty for Private Use, \$300

**AGRICULTURAL LIBRARIES
INFORMATION NOTES**
ISSN 0095-2699

F1142 12026/20705ACDSA 1 0001
ADALIA ACOSTA
NATIONAL AGRICULTURAL LIBRARY
ROOM 110 TSD
BELTSVILLE MD 20705

If changes are required to your mailing address, enter them on the address label and return it or a copy of it to the above address. If you wish to be removed from the mailing list for this publication check here _____ and return this page or a copy of it to the above address.

NAL OPEN HOUSE



photo: D. Starr

Among the events scheduled on January 6 and 11, during NAL's Open House in conjunction with the American Library Association mid-winter meeting in Washington, DC, were discussions with the coordinators of all of NAL's information centers. Here Patricia John (center above), Coordinator of the Rural Information Center, takes a question from one of the visitors. See pages 14 and 15 for a photo story on the Open House.

AGRICULTURAL LIBRARIES INFORMATION NOTES

(ISSN 0095-2699)

provides a channel of communication to technical information specialists, librarians, extension workers, researchers, and scientists on agricultural information activities.

Joseph N. Swab, Editor.

Idalia Acosta, New Serials Editor.

Ruth Finnblade, Publications Exchange Editor.

Daniel Starr, Photographer.

[(301)-344-3937]

Correction

In the caption for the photograph of Pamela Andre, Chief of NAL's Information Systems Division, in *ALIN*, Vol. 15, No. 1, January 1989, page 7, lower right, Ms. Andre was incorrectly identified as the chairperson of the Library and Information Technology Association (LITA) of ALA. The caption should have stated that Ms. Andre was chairperson of the Optical Information Systems Interest Group of LITA.